Release notes for ENDF/B Development dec-080_Hg_173 evaluation

October 13, 2016

- `fizcon` Errors:

    1. At least one gamma ray needed for given source mode
       MAT=2971, MF= 8, MT=457 (1): Need gamma ray

       ```
       ERROR(S) FOUND IN MAT=2971, MF= 8, MT=457
           GAMMA RAY NEEDED, SOURCE MODE=    4
       ```

    2. Energies released in decay not adding up!
       MAT=2971, MF= 8, MT=457 (2): Bad energy sum

       ```
       ERROR(S) FOUND IN MAT=2971, MF= 8, MT=457
           PARTICLE ENERGY (AE) SUMUP FAILURE
               WHOLE= 7.36954E+06  SUM= 7.20300E+06        SEQUENCE NUMBER    2
       ```

    3. Energies released in decay not adding up!
       MAT=2971, MF= 8, MT=457 (3): Bad energy sum

       ```
       ERROR(S) FOUND IN MAT=2971, MF= 8, MT=457
           ALPHA AVERAGE ENERGY SUMUP FAILURE
               WHOLE= 7.20300E+06  SUM= 7.37360E+06
       ```

- `fizcon` Errors: